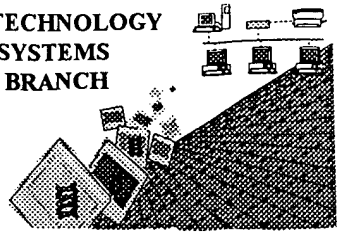
BIOTECHNOLOGY
SYSTEMS
BRANCH



2/21

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/911,132
Source: OIPE
Date Processed by STIC: 2/25/02

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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3. **Hand Carry directly to:**
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   Or
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Revised 01/29/2002

OIPE

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:43

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

Does Not Comply
Corrected Diskette Needed

Errors on pp. 1-5.

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  3 <110> APPLICANT: Roche Diagnostics GmbH
  5 <120> TITLE OF INVENTION: Expression of alkaline phosphatase in yeast
  7 <130> FILE REFERENCE: 5387/00/
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/911,132
C--> 10 <141> CURRENT FILING DATE: 2001-07-23
 12 <160> NUMBER OF SEQ ID NOS: 38
 14 <170> SOFTWARE: PatentIn Ver. 2.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 1476
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Bovine
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 24 ttcttggggg atgggatggg ggtgcctacg gtgacagcca ctcggatcct aaaggggcag 180
 25 atgaatggca aactgggacc tgagacaccc ctggccatgg accagttccc atacgtggct 240
 26 ctgtccaaga catacaacgt ggacagacag gtgccagaca gcgcaggcac tgccactgcc 300
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 29 gcagggaagg ccgtgggagt ggtgaccacc accagggtgc agcatgcctc cccagccggg 480
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 32 atcctgggtg gaggccgaat gtacatgttt cctgagggga ccccagaccc tgaataccca 660
 33 gatgatgcca gtgtgaatgg agtccggaag gacaagcaga acctggtgca ggaatggcag 720
 34 gccaagcacc agggagccca gtatgtgtgg aaccgcactg cgctccttca ggcggccgat 780
 35 gactccagtg taacacacct catgggcctc tttgagccgg cagacatgaa gtataatgtt 840
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 37 ctgagcagga acccccgggg cttctacctc ttcgtggagg gaggccgcat tgaccacggt 960
 38 caccatgacg gcaaagctta tatggcactg actgaggcga tcatgtttga caatgccatc 1020
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 44 gtgttcgcgc gaggcccgca ggcgcacctg gtgcacggcg tgcaggagga gaccttcgtg 1380
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 49 <211> LENGTH: 40
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
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invalid response, see error summary sheet, item 11.

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:43

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

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same error

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 1               5                  10                  15
Ala Gln Ala Leu Asp Val Ala Lys Lys Leu Gln Pro Ile Gln Thr Ala
            20                  25                  30
Ala Lys Asn Val Ile Leu Phe Leu Gly Asp Gly Met Gly Val Pro Thr
        35                  40                  45
Val Thr Ala Thr Arg Ile Leu Lys Gly Gln Met Asn Gly Lys Leu Gly
    50                  55                  60
Pro Glu Thr Pro Leu Ala Met Asp Gln Phe Pro Tyr Val Ala Leu Ser
65                  70                  75                  80
Lys Thr Tyr Asn Val Asp Arg Gln Val Pro Asp Ser Ala Gly Thr Ala
                85                  90                  95
Thr Ala Tyr Leu Cys Gly Val Lys Gly Asn Tyr Arg Thr Ile Gly Val
            100                 105                 110
Ser Ala Ala Ala Arg Tyr Asn Gln Cys Asn Thr Thr Arg Gly Asn Glu
        115                 120                 125
Val Thr Ser Val Ile Asn Arg Ala Lys Lys Ala Gly Lys Ala Val Gly
    130                 135                 140
Val Val Thr Thr Thr Arg Val Gln His Ala Ser Pro Ala Gly Ala Tyr
145                 150                 155                 160
Ala His Thr Val Asn Arg Asn Trp Tyr Ser Asp Ala Asp Leu Pro Ala
                165                 170                 175
Asp Ala Gln Lys Asn Gly Cys Gln Asp Ile Ala Ala Gln Leu Val Tyr
            180                 185                 190
Asn Met Asp Ile Asp Val Ile Leu Gly Gly Gly Arg Met Tyr Met Phe
        195                 200                 205
Pro Glu Gly Thr Pro Asp Pro Glu Tyr Pro Asp Asp Ala Ser Val Asn
    210                 215                 220
Gly Val Arg Lys Asp Lys Gln Asn Leu Val Gln Glu Trp Gln Ala Lys
225                 230                 235                 240
His Gln Gly Ala Gln Tyr Val Trp Asn Arg Thr Ala Leu Leu Gln Ala
                245                 250                 255
Ala Asp Asp Ser Ser Val Thr His Leu Met Gly Leu Phe Glu Pro Ala
            260                 265                 270
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RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:43

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

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127 Asp Met Lys Tyr Asn Val Gln Gln Asp His Thr Lys Asp Pro Thr Leu
128         275                 280                 285
130 Ala Glu Met Thr Glu Ala Ala Leu Gln Val Leu Ser Arg Asn Pro Arg
131     290                 295                 300
133 Gly Phe Tyr Leu Phe Val Glu Gly Gly Arg Ile Asp His Gly His His
134 305                 310                 315                 320
136 Asp Gly Lys Ala Tyr Met Ala Leu Thr Glu Ala Ile Met Phe Asp Asn
137                 325                 330                 335
139 Ala Ile Ala Lys Ala Asn Glu Leu Thr Ser Glu Leu Asp Thr Leu Ile
140             340                 345                 350
142 Leu Val Thr Ala Asp His Ser His Val Phe Ser Phe Gly Gly Tyr Thr
143         355                 360                 365
145 Leu Arg Gly Thr Ser Ile Phe Gly Leu Ala Pro Gly Lys Ala Leu Asp
146     370                 375                 380
148 Ser Lys Ser Tyr Thr Ser Ile Leu Tyr Gly Asn Gly Pro Gly Tyr Ala
149 385                 390                 395                 400
151 Leu Gly Gly Gly Ser Arg Pro Asp Val Asn Gly Ser Thr Ser Glu Glu
152                 405                 410                 415
154 Pro Ser Tyr Arg Gln Gln Ala Ala Val Pro Leu Ala Ser Glu Thr His
155             420                 425                 430
157 Gly Gly Glu Asp Val Ala Val Phe Ala Arg Gly Pro Gln Ala His Leu
158         435                 440                 445
160 Val His Gly Val Gln Glu Glu Thr Phe Val Ala His Ile Met Ala Phe
161     450                 455                 460
163 Ala Gly Cys Val Glu Pro Tyr Thr Asp Cys Asn Leu Pro Ala Pro Ala
164 465                 470                 475                 480
166 Thr Ala Thr Ser Ile Pro Asp
167                 485
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171 <211> LENGTH: 1476
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
178 <400> SEQUENCE: 5
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180 gctttggatg ttgctaagaa gttgcaacca attcaaactg ctgctaagaa tgttattttg 120
181 tttttgggtg atggtatggg tgttccaact gttactgcta ctagaatttt gaagggtcaa 180
182 atgaatggta agttgggtcc agaaactcca ttggctatgg atcaatttcc atacgttgct 240
183 ttgtctaaga cttacaatgt tgatagacaa gttccagatt ctgctggtac tgctactgct 300
184 tacttgtgtg gtgttaaggg taattacaga actattggtg tttctgctgc tgctagatac 360
185 aatcaatgta atactactag aggtaatgaa gttacttctg ttattaatag agctaagaag 420
186 gctggtaagg ctgttggtgt tgttactact actagagttc aacatgcttc tccagctggt 480
187 gcttacgctc atactgttaa tagaaattgg tactctgatg ctgatttgcc agctgatgct 540
188 caaaagaatg gttgtcaaga tattgctgct caattggttt acaatatgga tattgatgtt 600
189 attttgggtg gtggtagaat gtacatgttt ccagaaggta ctccagatcc agaataccca 660
190 gatgatgctt ctgttaatgg tgttagaaag gataagcaaa atttggttca agaatggcaa 720
191 gctaagcatc aaggtgctca atatgtttgg aatagaactg ctttgttgca agctgctgat 780
192 gattctagtg ttactcattt gatgggtttg tttgaaccag ctgatatgaa gtataatgtt 840
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same error

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:43

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

193 caacaagatc atactaagga tccaactttg gctgaaatga ctgaagctgc tttgcaagtt 900
194 ttgtctagaa atccaagagg tttttacttg tttgttgaag gtggtagaat tgatcatggt 960
195 catcatgatg gtaaggctta tatggctttg actgaagcta ttatgtttga taatgctatt 1020
196 gctaaggcta atgaattgac ttctgaattg gatactttga ttttggttac tgctgatcat 1080
197 agtcatgttt tttcttttgg tggttacact ttgagaggta cttctatttt tggtttggct 1140
198 ccaggtaagg ctttggatag taagtcttac acttctattt tgtatggtaa tggtccaggt 1200
199 tatgctttgg gtggtggttc tagaccagat gttaatggta gtactagtga agaaccatct 1260
200 tacagacaac aagctgctgt tccattggct agtgaaactc atggtggtga agatgttgct 1320
201 gtttttgcta gaggtccaca agctcatttg gttcatggtg ttcaagaaga aacttttgtt 1380
202 gctcatatta tggcttttgc tggttgtgtt gaaccataca ctgattgtaa tttgccagct 1440
203 ccagctactg ctactagtat tccagattaa ggtacc 1476
205 <210> SEQ ID NO: 6
206 <211> LENGTH: 78
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
213 <400> SEQUENCE: 6
214 gcgcgaattc ttgattccag ctgaagaaga aaatccagct ttttggaata gacaagctgc 60
215 tcaagctttg gatgttgc 78
217 <210> SEQ ID NO: 7
218 <211> LENGTH: 70
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220 <213> ORGANISM: Artificial Sequence
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223 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
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227 ccaaagcttg 70
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230 <211> LENGTH: 69
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
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235 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
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239 tttgaaggg 69
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247 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
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251 aaaattctag 70
253 <210> SEQ ID NO: 10
254 <211> LENGTH: 71

same error

same

same

same

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:43

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

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259 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial
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263 ccagattctg c 71
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VERIFICATION SUMMARY DATE: 02/25/2002
PATENT APPLICATION: US/09/911,132 TIME: 10:07:44

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\02252002\I911132.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date